Receipt date: 09/06/2006

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Date: August 31, 2006

Name: Nancy L. Doble

Signature:

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re Application of Lorraine LEITE, et al.

Confirmation No.:

2254

Serial No.:

10/564,905

Group Art Unit:

**TBA** 

Filing Date:

January 17, 2006

Docket No.:

99342.00061

Title: Hydroxyapatite calcium phosphate granules, method

Customer No.:

21832

for preparing same and uses thereof

Mail Stop: Amendment Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with 37 C.F.R. § 1.56, the materials listed on the attached form PTO/SB/08B are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application.

Pursuant to the waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003, copies of the U.S. Patent and U.S. Patent Application Publication references set forth and cited on form PTO/SB/08B are not enclosed herewith.

It is respectfully requested the Examiner indicate consideration of the cited references by returning a copy of the attached form PTO/SB/08B with initials or other appropriate marks.

In accordance with 37 C.F.R. § 1.97, the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made; an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b); or an admission that the information cited in the statement is, or is considered to be, prior art.

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Because this submission is made before the first office action, no fee is believed to be associated with the submission of this Information Disclosure Statement. If any additional fee is required, please accept this as authorization to charge Deposit Account No. 50-3569.

Respectfully submitted,

Date: August 31, 2006

3y: <u>\_\_\_\_\_</u>

Attorney for Applicants
Registration No. 46,741

PTO Correspondence Address:

McCarter & English, LLP CityPlace I 185 Asylum Street Hartford, CT 06103 Phone: (860) 275-6704

Fax: (860) 724-3397

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Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

102 Militage for form 1449/PTO	Complete if Known			
TO SAME PARTIE TO TOTAL 1443/PTO	Application Number	10/564,905		
INFORMATION DISCLOSURE	Filing Date	January 17, 2006		
STATEMENT BY APPLICANT	First Named Inventor	Lorraine LEITE, ET AL.		
(Use as many sheets as necessary)	Art Unit	2254		
(555 the many should be noted buy)	Examiner Name	TBA		

Attorney Docket 99342.00061 Sheet 2 Number U.S. PATENT DOCUMENTS Pages, Columns, Lines, Where Relevant Passages or Relevant Name of Patentee or Examiner Cite Document Number Publication Date Initials' MM-DD-YYYY Applicant of Cited Document Figures Appear Number-Kind Code<sup>2 (f known)</sup> 01/23/1996 Takado, K., et al. 5,486,365 11/19/1991 Gerard, T. US 5,066,441 2 US 11/01/1988 Michelucci, J., et al. 3. 4,781,925 US 4,335,086 06/15/1982 4. Spencer, M. 5. US 3,987,204 10/19/1976 Monti, A. US US US US US ŨS US US

		F	OREIGN PATENT	DOCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6
		Country Code*Number*Kind Code* (# known)			of Relevant Figures Appear	1.0
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application for to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet 2 of 2

Serial No. 10/564,905 Docket No. 99342.00061

<b>_</b>	0:4-	NON PATENT LITERATURE DOCUMENTS  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	
Examiner Initials*	Cite No. <sup>1</sup>	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.	T <sup>2</sup>
	1.	PONTIER C ET AL: "About the use of stoichiometric hydroxyapatite in compression - incidence of manufacturing process on compressibility" EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS, ELSEVIER SCIENCE PUBLISHERS B.V., AMSTERDAM, NL, vol. 51, no. 3, May 2001 (2001-05), pages 249- 257, XP004239486, ISSN: 0939-6411, the whole document.	
	2.	MONMA H ET AL.: "Preparation of Hydroxyapatite by the Hydrolysis of Brushite" J. MATER SCI Dec 1987, vol. 22, no. 12, December 1987 (1987-12), pages 4247-4250, XP001161107, the whole document.	
	3.	ITOH, HIDEAKI ET AL: "A new porous hydroxyapatite ceramic prepared by cold isostatic pressing and sintering synthesized flaky powder" DENTAL MATERIALS JOURNAL (1994), 13(1), 25-35, 1994, XP008027708, abstract, page 26, "Synthesis of hydroxyapatite powder and its properties".	
	4.	DATABASE CA online CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; CHENG, MINYUAN ET AL: "Preparation of hydroxyapatite powder by hydrolysis of brushite investigation on active bioceramic" XP002271274; retrieved from STN, Database Accession No. 134:9288 CA, abstract & GUANGXI DAXUE XUEBAO, ZIRAN KEXUEBAN (1999), 24(4), 280-283, 1999.	
-	5.	DATABASE CA Online CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; KAWASAKI, TSUTOMU ET AL: "Manufacture of hydroxyapatite crystalline particles for chromatography" XP002271275 retrieved from STN Database accession no. 107:201456 CA abstract & JP 62 202808 A (KOKEN CO., LTD., JAPAN; RESEARCH DEVELOPMENT CORP. OF JAPAN) 7 September 1987 (1987-09-07)	
	6.	DATABASE WPI Section Ch, Week 199511, Derwent Publications Ltd., London, GB; Class A60, AN 1995-077865; XP002271276 & JP 07 002506 A (TAIHEI KAGAKU SANGYO KK) 6 January 1995 (1995-01-06) abstract	
	7.	"Handbook of Pharmaceutical Excipients (Fourth edition)" 2003, SCIENCE AND PRACTICE, ROYAL PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, LONDON, UK, XP002271273, page 78 - page 79.	
		BRITAIN, LONDON, OK, XI 002271273, page 70 - page 73.	

Examiner	/Dichard Dumn/	Date	01/14/2009
Signature	/Richard Hump/	Considered	

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